COURSE: MATH – 112 (HK) Intermediate Algebra

DESCRIPTION: Solution of linear and absolute value equations and linear inequalities; integer and rational exponents, simplification of radicals; slope and graphing linear equations; systems of linear equations; solution of quadratic equations by factoring, completing the square and using the quadratic formula; introduction to functions; applications included throughout the course. Writing assignments, as appropriate to the discipline, are part of the course. 4 credit hours, 200 minutes per week.

PREREQUISITE: Grade of “C” or better in MATH 110, or Placement Test, or consent of Department Chairperson.

INSTRUCTOR: Dr. Astrid Babayan
Office: Room 702 E
Telephone: (312) 553 – 3197
Email: ababayan@ccc.edu
WWW: http://faculty.ccc.edu/ababayan/


CLASS SCHEDULE: Tuesdays and Thursdays 1:00 p.m. – 2:45 p.m. Room 708

OFFICE HOURS: Mondays and Wednesdays 9:00 a.m. – 10:00 a.m. and 12:25 p.m. – 12:55 p.m.
Tuesdays and Thursdays 10:55 a.m. – 12:55 p.m.

TOPICS TO BE COVERED

<table>
<thead>
<tr>
<th>Chapter</th>
<th>Sections</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapter 1: Basic Properties and Definitions</td>
<td>1.1 – 1.4</td>
</tr>
<tr>
<td>Chapter 2: Equations and Inequalities in One Variable</td>
<td>2.1 – 2.6</td>
</tr>
<tr>
<td>Chapter 3: Equations and Inequalities in Two Variables</td>
<td>3.1 – 3.3, 3.5</td>
</tr>
<tr>
<td>Chapter 4: System of Linear Equations</td>
<td>4.1</td>
</tr>
<tr>
<td>Chapter 5: Exponents and Polynomials</td>
<td>5.1 – 5.8</td>
</tr>
<tr>
<td>Chapter 6: Rational Expressions</td>
<td>6.1 – 6.7</td>
</tr>
<tr>
<td>Chapter 7: Rational Exponents and Roots</td>
<td>7.1 – 7.7</td>
</tr>
<tr>
<td>Chapter 8: Quadratic Functions</td>
<td>8.1 – 8.5</td>
</tr>
</tbody>
</table>

ATTENDANCE

Regular attendance is essential to your success in the class. It is a requirement of the Harold Washington College that attendance is taken every class session. It is your responsibility to be in every session of class and to be on time. If you are absent, it is your responsibility to cover the missed material. If your homework is completed prior to an absence, the assignment may be turned in to me.
HOMEWORK

Homework will be assigned every class period and it will be due at the next class meeting. Homework will be collected at the beginning of a class and then we can review the assigned problems if you feel they need further examination. Turning homework in is mandatory!!! Late homework is not accepted. They will be checked and graded as “S” (satisfactory) and “U” (unsatisfactory). Although numeric value will not be assigned to them, they will be used to determine final grades on borderline cases.

It is best if you do your homework under conditions similar to those in a quiz or an exam (without calculators, with full concentration and accuracy).

Your homework must meet the following guidelines. Failure to do so will result in a grade of “U”. No exceptions.

• The assignment must be neat and legible – by my standards.
• No loose pages accepted. ALL ASSIGNMENTS HAVING MORE THAN ONE PAGE MUST BE STAPLED. No folded corners, paper clips, etc.
• You must show an appropriate amount of work for full credit.

QUIZZES AND EXAMINATIONS

There will be a quiz or exam at the beginning of every class period. All quizzes or exams will be cumulative which means they will contain material covered in all previous classes. If you miss a quiz or exam, you will be given a score of zero and there will be no opportunity to make up a missed quiz or exam. However, your 3 lowest quiz (not exam) scores will be dropped.

During this semester, there will be 4 examinations (including Final exam), each one worth a maximum of 100 points. They will be given approximately in every 4th week.

GRADING POLICY AND SCALE

Your final grade in this course will be determined by the points that you have earned on the quizzes and exams. The average score of quizzes will count for 50% of your final grade. The average score of your exams will count for 50% of your final score.

Final grade in this course will be determined by the following grading scale:

91% – 100% A
81% – 90% B
71% – 80% C
61% – 70% D
< 61% F

DISCLAIMER

In the event that an issue occurs that is not covered in this syllabus, the instructor may use her own discretion to make a final decision concerning the issue.

CALENDAR

Exam 1: ____________________________  Exam 3: ____________________________
Exam 2: ____________________________  Exam 4: ____________________________